

ABSTRACT OF THE DISCLOSURE

A fuel cell system is provided with a direct methanol
fuel cell having an anode, a cathode and an electrolyte membrane
put therebetween, a fuel supply unit supplying fuel to the
5 anode, an air supply unit supplying air to the cathode and
a heat exchanger exchanging heat between the fuel supplied
by the fuel supply unit to the anode and an exhaust exhausted
from the fuel cell.